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FBXO4 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3151a

Specification

FBXO4 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q9UKT5
Other Accession	NP_036308.1, NP_277019.1, 26272, 106052 (mouse), 310363 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**44136**

FBXO4 Antibody (internal region) - Additional Information

Gene ID 26272

Other Names
F-box only protein 4, FBXO4, FBX4

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FBXO4 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

FBXO4 Antibody (internal region) - Protein Information

Name FBXO4

Synonyms FBX4

Function
Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:18598945, PubMed:<a href="http://www.uniprot.org/citations/10531035"

target="_blank">10531035, PubMed:29142209, PubMed:20181953). Promotes ubiquitination of CCND1 and its subsequent proteasomal degradation (PubMed:18598945). Recognizes TERF1 and promotes its ubiquitination together with UBE2D1 (PubMed:16275645, PubMed:20159592). Promotes ubiquitination of FXR1 following phosphorylation of FXR1 by GSK3B, leading to FXR1 degradation by the proteasome (PubMed:29142209).

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q8CHQ0}.

FBXO4 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FBXO4 Antibody (internal region) - Images



AF3151a (0.5 µg/ml) staining of Human Testis lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

FBXO4 Antibody (internal region) - Background

This antibody is expected to recognize isoform 1 and 2 (NP_036308.1; NP_277019.1).

FBXO4 Antibody (internal region) - References

Mutations in Fbx4 inhibit dimerization of the SCF(Fbx4) ligase and contribute to cyclin D1 overexpression in human cancer. Barbash O, Zamfirova P, Lin DI, Chen X, Yang K, Nakagawa H, Lu F, Rustgi AK, Diehl JA, Cancer cell 2008 Jul 14 (1): 68-78. PMID: 18598945